

ATTORNEY'S DOCKET NO: M00925/70086 TJO
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Timothy M. Swager
Serial No: 09/777,725
Conf. No: 6084
Filed: February 5, 2001
For: Insulated Nanoscopic Pathways, Compositions and Devices of the Same
Art Unit: 1711

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 19 day of June 2002.

Karen M. O'Angelo

Signature

COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

Sir:

Transmitted herewith is/are the following document(s):

Information Disclosure Statement
 Form PTO-1449 and References
 Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

No fee is due. If it is determined that a fee is due, it may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

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Respectfully Submitted,

T. J. Cyer
Timothy J. Cyer, Reg. No. 36,628
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600 Atlantic Avenue
Boston, MA 02210-2211
(617) 720-3500



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Karen M. OrAngelo
Signature

Commissioner for Patents
Washington, D.C. 20231

**STATEMENT FILED PURSUANT TO THE DUTY OF
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. §1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action on the merits in the above-identified case. No fee or certification is required.

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

The Applicant hereby makes the following additional information of record in the above-identified application: A copy of the International Search Report for the corresponding PCT Application No. PCT/US01/03784 is enclosed.

PART III: Remarks

Documents cited on the attached form PTO-1449 (modified) are enclosed unless otherwise indicated on the attached form PTO-1449 (modified). It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

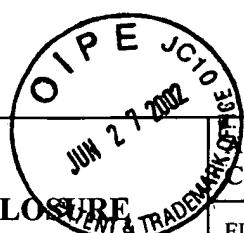
Notwithstanding any statements by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

By: 
Timothy J. Oyer, Reg No. 36,628
Wolf, Greenfield & Sacks, P.C.
600 Atlantic Avenue
Boston, MA 02210
Telephone (617) 720-3500

Docket No. M00925/70086
Mailed: June 19, 2002

APPLICATION NO.: 09/777,725
CONFIRMATION NO.: 6084

ATTY. DOCKET NO.: W00925/70086

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

FILING DATE: February 5, 2001

APPLICANT: Timothy M. Swager

GROUP ART UNIT: 1711

EXAMINER: Unassigned

Sheet 1 of 2

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U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
	1	4,839,112	Wynne et al.	06/13/89
	2	4,957,615	Ushizawa et al.	09/18/90
	3	4,992,244	Grate	02/12/91
	4	5,091,502	Narang et al.	02/25/92
	5	5,250,439	Musho et al.	10/05/93
	6	5,312,896	Bhardwaj et al.	05/17/94
	7	5,387,462	Debe	02/07/95
	8	5,493,017	Therien et al.	02/20/96
	9	5,549,851	Fukushima et al.	08/27/96
	10	5,675,001	Hoffman et al.	10/07/97
	11	5,323,309	Taylor et al.	06/21/94
	12	6,020,426	Yamaguchi et al.	02/01/2000
	13	6,323,309	Swager et al.	11/27/01

FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/Country	Number	Kind Code			
	14	WO	99/57222	A1	Massachusetts Institute of Technology	11/11/1999	
	15	WO	00/05774	A1	Massachusetts Institute of Technology	02/03/2000	
	16	WO	95/16681	A1	Trustees of University of Pennsylvania	06/22/1995	

OTHER ART – NON PATENT LITERATURE DOCUMENTS

Examiner's Initials#	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
	17	T. Swager, "The Molecular Wire Approach to Sensory Signal Application," Acc. Chem. Res., Vol. 31, pp. 201-207, 1998	
	18	P. Audebert et al, "Synthesis and Characteristics of New Redox Polymers Based on Copper Containing Units; Evidence for the Participation of Copper in the Electron Transfer Mechanism", New Journal of Chemistry, Vol. 15, No. 4, pp. 235-237, 1991	
	19	K.A. Goldsby et al., "Oxidation of Nickel(II) Bis(salicylaldimine) Complexes: Solvent Control of the Ultimate Redox Site", Polyhedron, Vol. 8, No. 1, pp. 113-115, 1989	
	20	L.A. Hoferkamp and K.A. Goldsby, "Surface-Modified Electrodes Based on Nickel(II) and Copper(II) Bis(salicylaldimine) Complexes", Chemistry of Materials Vol. 1, No. 3, pp. 348-352, 1989	
	21	M. Vilas-Boas et al., "New Insights into the Structure and Properties of Electroactive Polymer Films Derived from [Ni(salen)]", Inorganic Chemistry, Vol. 36, No. 22, pp. 4919-4929, 1997	
	22	C.P. Horwitz and R.W. Murray, "Oxidative Electropolymerization of Metal Schiff-Base Complexes", Mol.Cryst.Liq.Cryst., Vol. 160, pp. 389-404, 1988	



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27	F. Bedioui et al., "Electrooxidative polymerization of cobalt, nickel and manganese salen complexes in acetonitrile solution", J. Electroanal. Chem. 301, pp. 267-274, 1991
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37	S.S. Zhu et al., "Conducting Polymetallorotaxanes: A Supramolecular Approach to Transition Metal Ion Sensors", Journal of the American Chemical Society, Vol. 118, No. 36, pp. 8713-8714, 1996
38	S.S. Zhu and T.M. Swager, "Design of Conducting Redox Polymers: A Polythiophene-Ru(bipy) ₃ ²⁺ Hybrid Material**", Advanced Materials, Vol. 8, No. 6, pp. 497-500, 1996
39	G. Zotti et al., "Conductivity In Redox Modified Conducting Polymers. 2. Enhanced Redox Conductivity in Ferrocene-Substituted Polypyrroles and Polythiophenes", Chem. Mater. Vol. 7, No. 12, pp. 2309-2315, 1995
40	C.G. Cameron and P.G. Pickup, "A conjugated polymer/redox polymer hybrid with electronic communication between metal centres", Chem. Commun., pp. 303-304, 1997
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Mailed 06/ 19/02

EXAMINER	DATE CONSIDERED

#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.